

PAVI-25,964

PATENT

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: John P. Havener, Stephen Piche, Donald Semrad and Brian K. Stephenson  
Serial No.: 10/082,783  
Filed: February 25, 2002  
US Patent No.: n/a  
Issued: n/a  
Group: n/a  
Examiner: n/a  
For: A METHOD FOR OPTIMIZING A PLANT WITH MULTIPLE INPUTS

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope addressed  
to Commissioner of Patents and Trademarks, Washington, DC 20231 on  
5/12/02  
(Date of Deposit)  
Gregory M. Howison  
(Name of Person Submitting Document)  
Gregory M. Howison  
(Signature)  
5/12/02  
(Date of Signature)

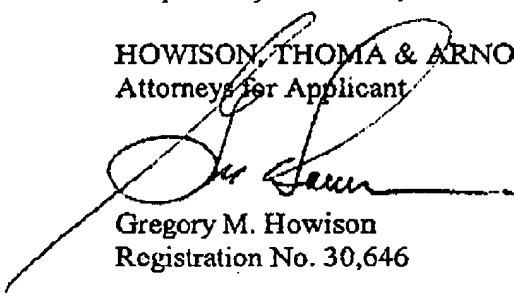
Dear Sir:

**NOTICE OF LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS (37 C.F.R. § 1.28(b))**

Applicant hereby notifies the Patent and Trademark Office that it is no longer entitled to status as a small entity, and that the previously-filed verified statement and claim for small entity status is hereby withdrawn.

Respectfully submitted,

HOWISON, THOMA & ARNOTT, L.L.P.  
Attorneys for Applicant

  
Gregory M. Howison  
Registration No. 30,646

GMH/clm  
P.O. Box 741715  
Dallas, Texas 75374-1715  
972/479-0460  
May 20, 2002



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/082,783	02/25/2002	John P. Havener	PAVI-25,964

CONFIRMATION NO. 4434

25883  
HOWISON, THOMA & ARNOTT, L.L.P.  
P.O. BOX 741715  
DALLAS, TX 75374-1715

## FORMALITIES LETTER



\*OC000000007877963\*

Date Mailed: 03/20/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$828.
  - \$576 for 32 total claims over 20.
  - \$252 for 3 independent claims over 3.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1698.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

PAVI-25,964

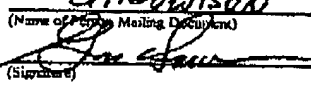
PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John P. Havener, Stephen Piche, Donald Semrad and Brian K. Stephenson  
Appl. No.: 10/041,769  
Filed: January 8, 2002  
Grp./A.U.: 2121  
Examiner: Not Yet Assigned  
Title: A METHOD FOR OPTIMIZING A PLANT WITH MULTIPLE INPUTS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

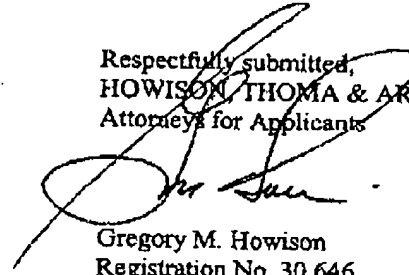
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231 on	
5/20/02	(Date of Deposit)
G. HOWISON	(Name of Person Mailing Document)
	(Signature)
5/20/02	(Date of Signature)

**SUBMISSION OF MISSING PARTS  
OF APPLICATION UNDER 37 C.F.R. 1.53**

Enclosed are the following items for filing in the above-referenced U.S. Patent Application:

1. A check in the total amount of \$1,698.00 to cover the filing fee (37 C.F.R. 1.16(a) et seq.) of \$1,568.00 and the surcharge set forth in 37 C.F.R. 1.16(e) of \$130.00. Please charge any additional fees or deficiencies in fees or credit any overpayment to Deposit Account No. 20-0780/PAVI-25,964 of HOWISON, THOMA & ARNOTT, L.L.P.;
2. Copy of Form PTO-1533 - Notice to File Missing Parts of Application;
3. Notice of Loss of Entitlement to Small Entity Status; and
4. Preliminary Amendment.

Respectfully submitted,  
HOWISON, THOMA & ARNOTT, L.L.P.  
Attorneys for Applicants

  
Gregory M. Howison  
Registration No. 30,646

GMH:jk  
P.O. Box 741715  
Dallas, Texas 75374-1715  
Tele: 972-479-0462  
Fax: 972-479-0464  
May 20, 2002

SUBMISSION OF MISSING PARTS  
S/N 10/041,769

**HOWISON & ARNOTT, L.L.P.**

A LIMITED LIABILITY PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

ATTORNEYS AT LAW  
PATENT AND TRADEMARK MATTERS

## Attorneys:

JOHN J. ARNOTT, P.C.  
ARTHUR BRADY  
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5420 LBJ Freeway, Suite 660  
Dallas, Texas 75240-2318  
Telephone (972) 479-0462  
Facsimile (972) 479-0464**RECEIVED**  
**CENTRAL FAX CENTER**

MAR 18 2004

Austin Office:  
Telephone (512) 328-3994**OFFICIAL**CONFIRMATION SENT VIA FIRST CLASS MAIL  
YES \_\_\_ NO X\_\_\_

NUMBER OF PAGES TO FOLLOW

**FACSIMILE COVER SHEET**

**DATE:** March 18, 2004  
**TO:** Examiner Kidest Bahta (Group 2125)  
**COMPANY:** U. S. Patent Office  
**FAX NUMBER:** Centralized Fax: (703) 872-9306  
**FROM:** Howison & Arnott, L.L.P. (Gregory M. Howison)  
Yanela O. Carpenter/Legal Assistant to Mr. Howison  
**OUR FILE :** PAVI-25,964  
**SERIAL NO.:** 10/082,783  
**ATTACHED:** Copy of the postcard indicating receipt by the Patent Office on April 11, 2002.

The information contained in or attached to this FAX message is intended only for the confidential use of the individual(s) named above. If you are not the named recipient or an agent responsible for delivering it to the named recipient, you are hereby notified that you have received this document in error and that review, dissemination or copying of this communication is prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original documents to us by mail. Thank you

**COMMENT:** Dear Ms. Bahta, as per our conversation, enclosed are the documents which were originally submitted on May 20, 2002.

Should you need additional information, please let us know.

If there are any problems with this transmission,  
please contact Yanela Carpenter, Legal Assistant at 972-680-6053

Atty: GMH

Check #14520 \$1,698.00

SN/Pat.N. 10/082,783

Title: A METHOD FOR OPTIMIZING A  
PLANT WITH MULTIPLE INPUTSInventor(s): John P. Havener, Stephen Piche,  
Donald Semrad and Brian K.  
Stephenson

Mld: 5/20/02 Due: 5/20/02

File: PAVI-25,964

Exp. Mail Cert. No. —

Papers: M. Pts. Notice (1), PAM (7), Marked version (1),  
M. Pts. Trns. (1), Fee Trns. (1), Status Change (1)

Filed in the USPTO on:

DKT



HOWISON, THOMA &amp; ARNOTT, L.L.P.

14520

TO: COMMISSIONER OF PATENTS

CHECK NO: 14520

REF. NO.	YOUR INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT	AMOUNT PAID	DISCOUNT TAKEN
	PAVI-25964	05/20/2002	\$1,698.00	\$1,698.00	\$0.00

HOWISON, THOMA &amp; ARNOTT, L.L.P.

12225 GREENVILLE AVE., STE 985  
DALLAS, TX 75243  
(972) 479-0462BANK ONE, NA  
DALLAS, TEXAS 75201  
32-61-1110

14520

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\$1,698.00

One thousand six hundred ninety-eight and NO/100

THE  
IDERCOMMISSIONER OF PATENTS  
& TRADEMARKS  
Washington, DC 20231

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT (\$)** 1,698.00**Complete If Known**

Application Number	10/041,769
Filing Date	1/8/02
First Named Inventor	Havener
Examiner Name	Not yet assigned
Group Art Unit	2121
Attorney Docket No.	PAVI-25,964

**METHOD OF PAYMENT**

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: **20-0780/PAVI-25,964**  
 Deposit Account Name: **Howison, Thomas & Amott, L.L.P.**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	740.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

**SUBTOTAL (1) (\$)** 740.00**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
52	20** = 32	18	576.00
6	3** = 3	94	262.00
			838.00

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$)** 828.00

\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or cash	130.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	690	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(g)	
126	180	126	180	Submission of Information Disclosure Sheet	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
189	900	189	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 130.00**SUBMITTED BY**Name (Print Type) **Gregory M. Howison**

Registration No. (Attorney Agent)

**30,646****Complete (if applicable)**Telephone **972-479-0462**Date **5/20/02****WARNING: Information on this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.